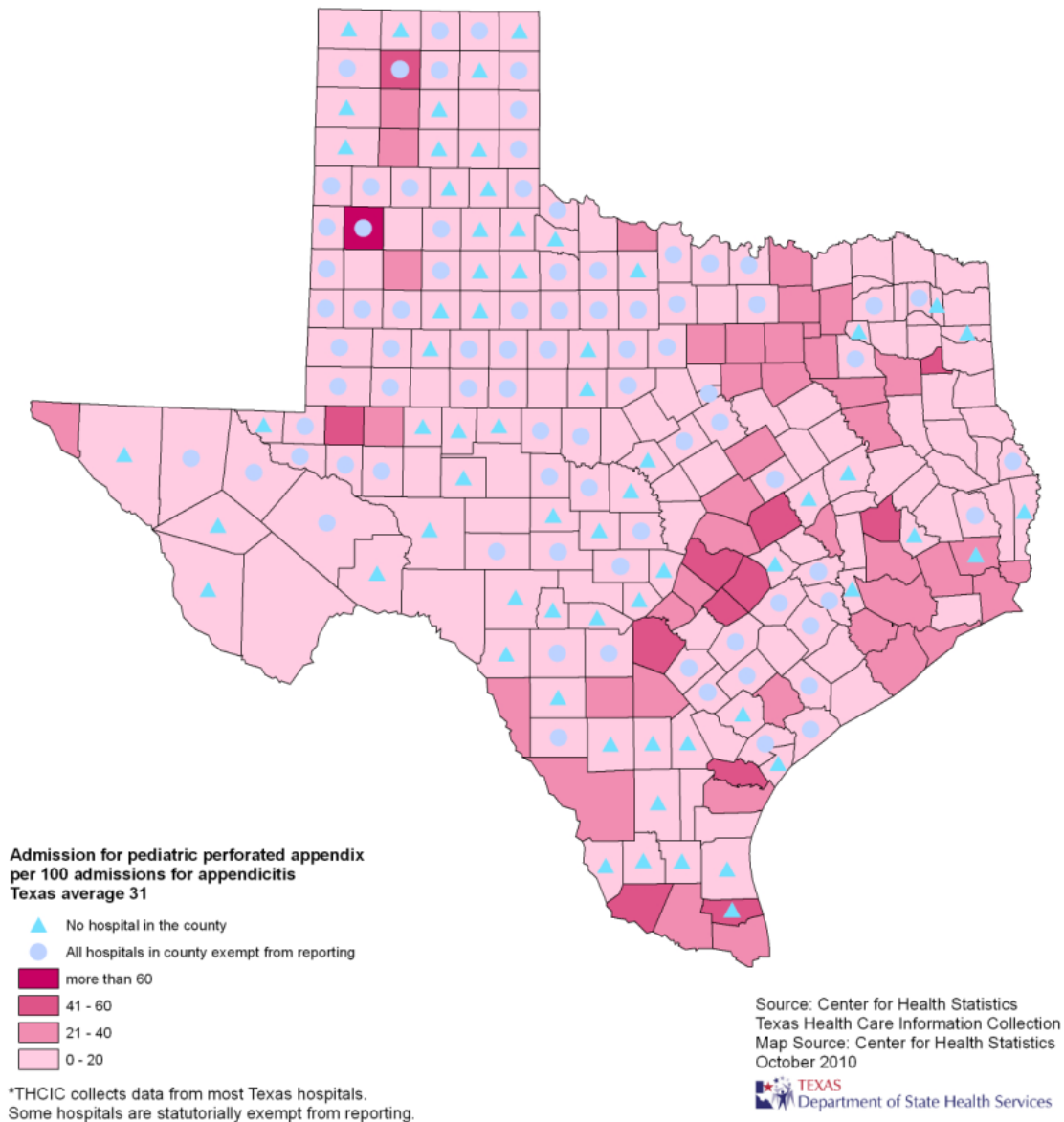


## Pediatric Perforated Appendix

The inside of the appendix forms a *cul-de-sac* that usually opens into the large intestine. When the inside of the appendix is blocked—by a piece of stool, a foreign body that was swallowed, or the swelling from an infection—the appendix becomes swollen and easily infected by bacteria. If the infected appendix is not removed, an abscess may form and eventually burst or perforate. This may happen as soon as 48 to 72 hours after symptoms begin. A perforated appendix can spread its infection throughout the abdomen and thus become life threatening. Problems in access to ambulatory care and misdiagnosis are among the factors that lead to this complication.



**Texas Health Care Information Collection  
Pediatric Perforated Appendix Admission Rate, 2008**

Rates not calculated for counties with fewer than 5 admissions

\* Risk-adjusted admission rate is significantly lower than state average rate based on 95 percent confidence interval

\*\* Risk-adjusted admission rate is significantly higher than state average rate based on 95 percent confidence interval

County	Admissions	Admissions for Appendicitis	Observed Admissions per 100 Admissions for Appendicitis	Expected Admissions per 100 Admissions for Appendicitis	Risk-Adjusted Admissions per 100 Admissions for Appendicitis	95% Confidence Interval for Risk-Adjusted Admissions
State of Texas	2,382	7,369	32.32	32.00	30.90	(29.90, 31.89)
Anderson	5	16	31.25	31.31	30.52	(8.87, 52.17)
Andrews	Less than 5					
Angelina	8	43	18.60	31.73	17.93	(4.94, 30.92)
Aransas	Less than 5					
Archer	Less than 5					
Armstrong	Less than 5					
Atascosa	6	19	31.58	33.19	29.10	(9.92, 48.28)
Austin	Less than 5					
Bailey	Less than 5					
Bandera	Less than 5					
Bastrop	9	12	75.00	38.98	58.85**	(38.09, 79.60)
Baylor	Less than 5					
Bee	Less than 5					
Bell	24	80	30.00	30.97	29.62	(19.78, 39.46)
Bexar	208	415	50.12	33.61	45.60**	(41.57, 49.63)
Blanco	Less than 5					
Borden	Less than 5					
Bosque	Less than 5					
Bowie	Less than 5					
Brazoria	30	87	34.48	31.72	33.25	(24.07, 42.43)
Brazos	11	31	35.48	30.86	35.16	(19.18, 51.15)
Brewster	Less than 5					
Briscoe	Less than 5					
Brooks	Less than 5					
Brown	Less than 5					
Burleson	Less than 5					
Burnet	Less than 5					
Caldwell	6	9	66.67	37.69	54.09	(29.46, 78.73)
Calhoun	Less than 5					
Callahan	Less than 5					
Cameron	67	218	30.73	32.46	28.96	(23.28, 34.64)
Camp	Less than 5					
Carson	Less than 5					
Cass	Less than 5					
Castro	Less than 5					

Chambers	Less than 5					
Cherokee	Less than 5					
Childress	Less than 5					
Clay	Less than 5					
Cochran	Less than 5					
Coke	Less than 5					
Coleman	Less than 5					
Collin	48	133	36.09	31.62	34.91	(27.44, 42.38)
Collingsworth	Less than 5					
Colorado	Less than 5					
Comal	12	48	25.00	30.61	24.98	(12.33, 37.62)
Comanche	Less than 5					
Concho	Less than 5					
Cooke	Less than 5					
Coryell	Less than 5					
Cottle	Less than 5					
Crane	Less than 5					
Crockett	Less than 5					
Crosby	Less than 5					
Culberson	Less than 5					
Dallam	Less than 5					
Dallas	264	684	38.60	32.86	35.93**	(32.74, 39.11)
Dawson	Less than 5					
Deaf Smith	Less than 5					
Delta	Less than 5					
Denton	30	170	17.65	29.31	18.41*	(11.37, 25.45)
Dewitt	Less than 5					
Dickens	Less than 5					
Dimmit	Less than 5					
Donley	Less than 5					
Duval	Less than 5					
Eastland	Less than 5					
Ector	15	32	46.88	35.40	40.50	(26.71, 54.29)
Edwards	Less than 5					
Ellis	11	41	26.83	31.90	25.72	(12.38, 39.07)
El Paso	90	294	30.61	32.95	28.41	(23.57, 33.26)
Erath	Less than 5					
Falls	Less than 5					
Fannin	Less than 5					
Fayette	Less than 5					
Fisher	Less than 5					
Floyd	Less than 5					
Foard	Less than 5					
Fort Bend	30	120	25.00	30.82	24.81	(16.78, 32.85)

Franklin	Less than 5					
Freestone	Less than 5					
Frio	5	14	35.71	28.07	38.91	(13.54, 64.27)
Gaines	Less than 5					
Galveston	15	57	26.32	29.51	27.27	(15.15, 39.39)
Garza	Less than 5					
Gillespie	Less than 5					
Glasscock	Less than 5					
Goliad	Less than 5					
Gonzales	Less than 5					
Gray	Less than 5					
Grayson	8	38	21.05	29.39	21.91	(7.08, 36.73)
Gregg	19	39	48.72	35.75	41.68	(29.30, 54.06)
Grimes	Less than 5					
Guadalupe	Less than 5					
Hale	Less than 5					
Hall	Less than 5					
Hamilton	Less than 5					
Hansford	Less than 5					
Hardeman	Less than 5					
Hardin	5	14	35.71	32.61	33.49	(10.96, 56.02)
Harris	391	1,167	33.50	32.34	31.68	(29.21, 34.15)
Harrison	Less than 5					
Hartley	Less than 5					
Haskell	Less than 5					
Hays	13	36	36.11	31.21	35.39	(20.96, 49.81)
Hemphill	Less than 5					
Henderson	5	24	20.83	29.30	21.74	(2.86, 40.63)
Hidalgo	197	580	33.97	33.07	31.41	(27.95, 34.87)
Hill	Less than 5					
Hockley	Less than 5					
Hood	Less than 5					
Hopkins	Less than 5					
Houston	Less than 5					
Howard	Less than 5					
Hudspeth	Less than 5					
Hunt	5	20	25.00	29.93	25.54	(5.36, 45.72)
Hutchinson	Less than 5					
Irion	Less than 5					
Jack	Less than 5					
Jackson	Less than 5					
Jasper	Less than 5					
Jeff Davis	Less than 5					
Jefferson	6	31	19.35	28.69	20.63	(3.94, 37.33)

Jim Hogg	Less than 5					
Jim Wells	5	29	17.24	30.53	17.27	(0.73, 33.82)
Johnson	11	41	26.83	30.59	26.83	(12.94, 40.72)
Jones	Less than 5					
Karnes	Less than 5					
Kaufman	9	38	23.68	30.45	23.79	(9.51, 38.07)
Kendall	Less than 5					
Kenedy	Less than 5					
Kent	Less than 5					
Kerr	Less than 5					
Kimble	Less than 5					
King	Less than 5					
Kinney	Less than 5					
Kleberg	Less than 5					
Knox	Less than 5					
Lamar	Less than 5					
Lamb	5	5	100.00	32.44	94.28**	(55.77, 100.00)
Lampasas	Less than 5					
La Salle	Less than 5					
Lavaca	Less than 5					
Lee	Less than 5					
Leon	Less than 5					
Liberty	10	28	35.71	28.10	38.87	(20.90, 56.85)
Limestone	Less than 5					
Lipscomb	Less than 5					
Live Oak	Less than 5					
Llano	Less than 5					
Loving	Less than 5					
Lubbock	24	80	30.00	32.42	28.30	(18.81, 37.79)
Lynn	Less than 5					
McCulloch	Less than 5					
McLennan	18	76	23.68	31.70	22.85	(13.01, 32.69)
McMullen	Less than 5					
Madison	Less than 5					
Marion	Less than 5					
Martin	Less than 5					
Mason	Less than 5					
Matagorda	Less than 5					
Maverick	11	36	30.56	35.09	26.63	(13.35, 39.91)
Medina	Less than 5					
Menard	Less than 5					
Midland	17	47	36.17	33.52	33.00	(21.05, 44.95)
Milam	5	9	55.56	35.89	47.34	(21.34, 73.35)
Mills	Less than 5					

Mitchell	Less than 5					
Montague	Less than 5					
Montgomery	33	105	31.43	31.25	30.76	(22.29, 39.23)
Moore	5	12	41.67	31.31	40.69	(15.83, 65.55)
Morris	Less than 5					
Motley	Less than 5					
Nacogdoches	Less than 5					
Navarro	Less than 5					
Newton	Less than 5					
Nolan	Less than 5					
Nueces	40	146	27.40	31.11	26.93	(19.69, 34.18)
Ochiltree	Less than 5					
Oldham	Less than 5					
Orange	6	19	31.58	29.87	32.33	(11.66, 52.99)
Palo Pinto	Less than 5					
Panola	Less than 5					
Parker	10	38	26.32	28.78	27.97	(12.91, 43.02)
Parmer	Less than 5					
Pecos	Less than 5					
Polk	Less than 5					
Potter	18	49	36.73	30.56	36.76	(24.04, 49.48)
Presidio	Less than 5					
Rains	Less than 5					
Randall	11	32	34.38	30.36	34.63	(18.82, 50.44)
Reagan	Less than 5					
Real	Less than 5					
Red River	Less than 5					
Reeves	Less than 5					
Refugio	Less than 5					
Roberts	Less than 5					
Robertson	Less than 5					
Rockwall	5	21	23.81	29.28	24.87	(4.70, 45.03)
Runnels	Less than 5					
Rusk	Less than 5					
Sabine	Less than 5					
San Augustine	Less than 5					
San Jacinto	Less than 5					
San Patricio	15	33	45.45	31.54	44.08	(29.04, 59.12)
San Saba	Less than 5					
Schleicher	Less than 5					
Scurry	Less than 5					
Shackelford	Less than 5					
Shelby	Less than 5					
Sherman	Less than 5					

Smith	15	61	24.59	30.01	25.06	(13.53, 36.59)
Somervell	Less than 5					
Starr	17	37	45.95	33.59	41.83	(28.37, 55.30)
Stephens	Less than 5					
Sterling	Less than 5					
Stonewall	Less than 5					
Sutton	Less than 5					
Swisher	Less than 5					
Tarrant	122	491	24.85	32.11	23.66*	(19.83, 27.50)
Taylor	Less than 5					
Terrell	Less than 5					
Terry	Less than 5					
Throckmorton	Less than 5					
Titus	Less than 5					
Tom Green	Less than 5					
Travis	82	160	51.25	33.35	47.00**	(40.52, 53.49)
Trinity	Less than 5					
Tyler	Less than 5					
Upshur	Less than 5					
Upton	Less than 5					
Uvalde	Less than 5					
Val Verde	Less than 5					
Van Zandt	Less than 5					
Victoria	8	37	21.62	30.03	22.02	(7.22, 36.81)
Walker	5	9	55.56	30.50	55.71	(25.78, 85.65)
Waller	Less than 5					
Ward	Less than 5					
Washington	Less than 5					
Webb	61	169	36.09	32.56	33.90	(27.46, 40.34)
Wharton	Less than 5					
Wheeler	Less than 5					
Wichita	10	25	40.00	33.45	36.57	(20.20, 52.94)
Wilbarger	Less than 5					
Willacy	6	11	54.55	31.58	52.82	(26.37, 79.27)
Williamson	31	82	37.80	31.34	36.89	(27.39, 46.39)
Wilson	Less than 5					
Winkler	Less than 5					
Wise	Less than 5					
Wood	Less than 5					
Yoakum	Less than 5					
Young	Less than 5					
Zapata	Less than 5					
Zavala	Less than 5					

Source: Texas Health Care Information Collection. *Texas Hospital Inpatient Discharge Public Use Data File, 2008.*

